

BIO- DATA



1. **Name** : Dr. Ramnath Appasaheb Pawar
2. **Date of Birth** : 22nd February 1972
3. **Address for Correspondence** : At: Hanmantgaon, Post: Pathare(BK)
Tal. Rahata, Dist. Ahmednagar,
State: Maharashtra,
Pin Code: 413 711
4. **Permanent Address** : Department of Physics,
Padmashri Vikhe Patil College of Arts, Science &
Commerce, Pravaranagar, At/P. Loni Kd. - 413 713.
Tal. Rahata, Dist. Ahmednagar, Maharashtra
5. **Telephone Number** : 02422 273425
6. **E-Mail ID** : rampawar2007@rediffmail.com
7. **Educational Qualification**

Sr. No.	Degree	Board / University	Year of Passing	Subjects	Percentage of Marks	Class / Grade obtained
1.	B.Sc.	Savitribai Phule Pune University, Pune	1993-94	Physics	63.77%	First
2.	M. Sc.	Savitribai Phule Pune University, Pune	1995-96	Physics	62.48%	First
3.	M. Phil.	Madurai Kamraj University, Madurai	29 th June 2009	Physics	Awarded	First
4.	Ph. D	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	15 th December 2017	Physics	Awarded	First

8. **Certificate / Diploma /Advanced Qualification (If any):**

Sr. No.	Degree	Board / University	Year of Passing	Subjects	Percentage of Marks	Class / Grade obtained
1.	MSCIT	MSCIT, Pune	2008	Computer	86.00%	First
2.	CCC	Centre for Advanced Technology	2010	Computer		First

9. **Date of Appointment:** 8th August 1999
10. **Designation** : Assistant Professor
11. **Scale of Pay** : Rs. 15600-39100

12. **Teaching Experience: UG:** 18 years

PG: 03 years

13. **Training Program Completed: Orientation/ Refreshers / Summer Course / Short Term Course:**

Sr. No.	Programs	Date	Duration	Organizing Agency
1.	Orientation Course	24 th October 2004 to 2 nd November 2004.	10 days	NSS Training and Orientation centre , Savitribai Phule Pune University, Pune
2.	Refresher Course	1 st November 2006 to 21 st November 2006	21 days	UGC Academic Staff College, Savitribai Phule Pune University, Pune
3.	Faculty Development Program	10 th November 2009 to 19 th November 2009	10 days	Maharashtra Centre for Entrepreneurship development Promoted by Govt. of Maharashtra
4.	Orientation Program	28 th may 2010 to 24 th June 2010	28 Days	UGC Academic Staff College Kumaun University, Kumaun, Nainital
5.	Short Term Course	30 th September 2013 to 4 th October 2013	06	Indian Institute of Technology, Kanpur
6.	Refresher Course	29 th October 2015 to 18 th November 2015	21 days	UGC Academic Staff College Central University, Hyderabad

14. **Number of Seminar/ Conferences/ Workshops / Symposia participated/worked as resource person/chairman/coordinator etc.:**

Sr. No	Title of Workshop/Conference/Seminar	Status	Date and place
1.	Environment awareness : Need Of the Century	State Level	Arts, Commerce and Science College Satral by on 6 th and 7 th February 2008
3.	Self Employment Generation and Development for the Rural Area	State Level	Arts, Commerce and Science College Satral on 31 st October and 1 st November 2008
5.	Regional Research Conference for the Teacher Innovation 2008	University Conference for Teacher	University of Pune at P.V.P. college, Pravaranagar. on 26 th and 27 th November 2008
6.	Regional Research Conference	University	University of Pune at New Arts,

	for the Teacher Innovation 2009	Conference for Teacher	Commerce and Science College ahmednagar. on 9 th and 10 th December 2009
7.	Recent Trends in botany.	National Seminar	K.J. Sommaiya college of Arts, Commerce and Science Kopargaon. 28 th , 29 th & 30 th January 2010
8.	Recent Advances in Botany in Relation to Crop Improvement	National Seminar	Arts, Commerce and Science College Satral. 29 th , 30 th & 31 st January 2010
9.	Recent Trends in Thin Film Technology.	National Conference	Jijamata College of Arts and Science Dnyaneshwarnagar, Bhede. Tal: Newasa on 23 rd and 24 th February 2010.
10	Environmental Awareness: Need of the Century	National Conference	Arts, Commerce and Science College, Rahata on 16 th , 17 th and 18 th February 2010
11.	Role of Management in Quality Enhancement	State Level Conference	Vinayakrao Patil College of Arts, Commerce and Science Vaijapur on 25 th and 26 th march 2011
12	Curriculum development in Physics for S.Y.B.Sc.	University Workshop	New Arts, Commerce and Science College Ahmednagar on 11 th February 2003
13.	Agricultural Economics and Rural Development	National Conference	P.V.P. College, Pravaranagar on 9 th February 2004
14.	Educational Reforms, Cross Disciplines and International linkages	National Conference	P.V.P. College, Pravaranagar on 10 th February 2004
15.	Strategic Measures for Quality Enhancement in NAAC Accredited Colleges	National Conference	P.V.P. College, Pravaranagar on 21 st and 22 nd January 2006
16.	Education in Values and Spirituality	National Conference	Education Wing Rajyoga Education and Research Foundation and Prajapita Brahma Kumaris Ishwariya Vishwa Vidyalaya, Mount Abu Rajasthan
17.	Regional Research Conference for the Teacher Innovation 2007	University Conference for Teacher	University of pune on 19 th and 20 th November 2007

18.	Teaching and Learning of Physics by Co-operative and Participatory approach	University Level.	Adv. M.N. Deshmukh Arts, Commerce and Science College, Rajur Tal: Akole.Dist. Ahmednagar. On 3 rd February 2007
19.	Solar energy: The Best Future Option	University Level.	P.V.P. College ,Pravaranagar on 10 th February 2007
20.	Advanced Control system	State Level Seminar	Pravara Rural Engineering College Loni. On 20 th to 22 nd February 2008
21.	Reframing of S.Y. B.Sc. Physics syllabus	University level workshop.	P.V.P. College ,Pravaranagar on 20 th December 2008
22.	Solar Energy: the alternative source Of energy.	University level seminar	Arts, Commerce and Science College, satral on 24 th January 2008
23.	Energy Crises: Role of Renewable energy sources.	University level seminar	Arts, Commerce and Science College, satral on 10 th January 2009
24.	National Integration	National Level Seminar	Arts, Commerce and Science College, Rahata on 15 th October 2008
25.	Train The Trainers for Principal and Teachers	University level workshop	University of Pune on 22 nd and 23 rd May 2009
26.	Recent Techniques in Vermiculture	University level seminar	Arts, Commerce and Science College, satral on 26 th February 2011
27.	Recent Development of Analysis, Developing for Pharmaceutical Drug.	State level Seminar	Arts, Commerce and Science College, satral on 31 st Dec & 1 st January 2011
28.	Management of Water and Energy	University level worksho	Adv. M.N. Deshmukh Arts, Commerce and Science College, Rajur Tal: Akole.Dist. Ahmednagar. On 4 th to 6 th July 2008
29.	Suryoday sankar Abhiyan	Society level	Shri Sadguru Datta Evam Parmarthik Trust, Indor on 20 th to 22 nd August 2005
30.	Lek ladaki Abhiyan	Seminar	R.B.N.B. College of arts, Commerce and science College Shrirampur. Sponsored by Govt. of India.

31.	Environmental Awareness: Need of the Century	National seminar	ACS College, Kolhar on 2 nd to 4 th , February 2012
32.	Methane Power: The Alternative Source of Energy	State level Seminar	ACS, College, Satral 4 th – 5 th March 2013
33.	Nanotechnology and advanced functional materials	International Level Workshop	Material Research Society of India MRSI (Pune Chapter) 24 th – 25 th July 2013
34.	Recent Trends in the Utilization of Physics	State level Seminar	PVP College, Pravaranagar 20 th – 21 st September 2013
35.	Role of Material Science in Current Research	State level Seminar	ACS, College Rahata 8 th February 2014
36.	Seminar on Upcoming Trends in Science	National seminar	ACS & BCS College, Ashvi (Kd) 11 th February 2014
37.	Recent Trends in Analytical Chemistry	National seminar	ACS, College, Satral 30 th - 31 st August 2014
38.	Leadership Development and Managerial Capacity Building Level-1	State Level Workshop	Education Plus , Pune 11 th – 13 th June 2014
39.	Innovation Regional Research Conference	University Level Conference	BCUD, Savitribai Phule Pune University, Pune 17 th June 2015
40.	Role of IQAC: Academic and Administrative Audit for Improvement in Institutional Quality	National seminar	K.J. Somaiya College of Arts, Commerce and Science, Kopargaon 21 st – 22 nd January 2016
41.	Recent Trends in Renewable Energy Technologies	State level Seminar	ACS, College, Satral 4 th – 5 th March 2016
42.	Innovation Regional Research Conference	University Level Conference	BCUD, Savitribai Phule Pune University, Pune 4 th October 2016
43.	Emerging Trends in Material Science	National Seminar	PVP College, Pravaranagar 9 th – 10 st February 2016
44.	Condensed Matter Physics under Extreme Condition	International Level Conference	Bhabha Atomic Research Centre Trombay. Indida 13 th -16 th April 2016
45.	Role of IQAC in Enhancing Quality Education and Research	National seminar	ACS, College Kolhar 17 th – 18 th January 2017
46.	Renewable Energy Resources – Opportunities in India	State level Seminar	Shri Dnyaneshwar Mahavidyalaya, Newasa 21 st January 2017

47	Environmental Degradation, Causes and Consequences	State level Seminar	ACS, College, Shevgaon 16 th – 17 th 2018
48	Academic and Administrative Audit	State level Seminar	Savitribai Phule Pune University, Pune and Centre for Educational Development Administrative (CEDA) 3 rd March 2018

15. **Details of Research paper(s) published:**

Sr. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal (Vol., page no.)	Level (Nat./ Int.nat.)	Year of publication	Impact Factor	Journal is in list of UGC (Yes/ No)	ISBN/ ISSN No.
1.	Awareness of Micro-Nutrient Level in Water and Soil for Integrated Farming in Rural area: a Case study of Malewadi-Dukrewadi, Tal: Rahuri, Dist: Ahmednagar (M.S.)	Mr. Pawar R. A	Physics	Journal of Science Information. Vol. 3 page no. 4-8	Nsationa l	2012	--	Yes	ISSN: 2229-5836
2.	Indian Higher Education: Academic Reform	Mr. Pawar R. A Mr. Tanjane U.A.	Physics	Journal of Science Information. Vol.,3 page no. 17-25	National	2012	--	Yes	ISSN: 2229-5836
3.	Role of Management in Quality Enhancement	Mr. Pawar R. A	Physics	Journal of Science Information. Vol.,3 page no. 33-37	National	2012	--	Yes	ISSN: 2229-5838
4.	Synthesis and magnetic properties of Cu _{0.7} Zn _{0.3} AlxFe _{2-x} O ₄ Nanoferrite using Egg-white method	Mr. Pawar R. A Dr. S. M. Patange	Physics	Journal of Magnetism and Magnetic Materials	Internati onal	(2013)	2.630	Yes	ELSE VIER 0304-8853

5.	Structural and Magnetic properties of Nanocrystalline Cobalt ferrite Synthesis by Egg-white method	Mr. Pawar R. A Dr. S. M. Patange	Physics	International workshop on Nanotechnology and Advanced Functional Materials NTA FM (2013) proceeding	International	2013	--	Yes	
6.	Ce ³⁺ incorporated structural and magnetic Properties of M type barium hexa ferrites	Mr. Pawar R. A Dr. S. M. Patange	Physics	Journal of Magnetism and Magnetic Materials. Vol.378, page no. 59-63	International	2015	2.630	yes	ELSEVIER 0304-8853
7.	Spin glass behavior and enhanced but frustrated magnetization in Ho ³⁺ substituted Co-Zn ferrite interacting nanoparticles	Mr. Pawar R. A Dr. S. M. Patange	Physics	Royal Society of Chemistry Vol 6 Page No. 76590 - 76599	International	2016	3.108	Yes	ELSEVIER 1364-548X
8.	Spectroscopic, elastic and dielectric properties of Ho ³⁺ substituted Co- Zn ferrites synthesized by sol-gel method	Mr. Pawar R. A Dr. S. M. Patange	Physics	Ceramic International	International	2016	2.986	Yes	ELSEVIER 0272-8842
9.	Inter-atomic bonding and dielectric polarization in Gd ³⁺ incorporated Co-Zn ferrite nanoparticles	Mr. Pawar R. A Dr. S. M. Patange	Physics	Physica B Vol. 510 Page No. 74-79	International	2017	1.386	Yes	ELSEVIER 0921-4526
10.	Investigation of Structural and Magnetic Properties of Nano-crystalline Zinc Ferrite	Mr. Pawar R. A Dr. S. M. Patange	Physics	International conference on Condensed Physics Under	Internat.	2016	--	--	Bhabha Atomic Research Centre Tromb

	Synthesis by Micro emulsion Technique			Extreme Condition Page No. 104					ay
11.	Influence of Ce ³⁺ ion on Dielectric Properties Nano Barium Hexaferrites	Mr. Pawar R. A Dr. S. M. Patange	Physics	National conference on Emerging Trends in Material Characterization	National	2015		P.V.P. College, Pravara nagar	Success Publications, Pune 978-93-5158-588-6
12.	Piezo and Phyroelectric Dielectric for High Power Laser Applications	Mr. R.A. Pawar Mrs. S.S. Desai	Physics	National conference on Emerging Trends in Material Characterization	National	2015		P.V.P. College, Pravara nagar	Success Publications, Pune 978-93-5158-588-6
13.	IQAC to Improve Quality of Higher Education.	Mr. R.A. Pawar Dr. P.M. Dighe	Physics	National Seminar on Role of IQAC: Academic and Administrative Audit for Improvement in Institutional Quality	National	2015	--	k.J. Somaiya College, Kopargaon	International E Publication 978-93-84659-16-5
14.	Structural and Magnetic properties of Nano-crystalline Cobalt ferrite Synthesis by Egg-white method	Mr. Pawar R. A Dr. S. M. Patange		International workshop on Nanotechnology and Advanced Functional Materials	Internat.	2015	--	NCL, Pune	E-Publication

16. Details of Research Project

A. Minor Research Project

Sr. No.	Name of Principal Investigator	Title of the Project	Amount sanctioned (Rs.)	Funding Agency)	Duration	Status (Ongoing / Completed)
1.	Dr. R. A. Pawar	Determination of Micronutrient Level in Water and Soil at the Salt Plain of Pravara River Valley.	1,00,000/-	BCUD, Savitribai Phule Pune University, Pune	2009-2011	Completed
2.	Dr. R. A. Pawar	To Study the performance and evaluation analysis of solar cooking system by using parabolic concentrator at Shri Sai Baba Sansthan Shirdi.	1,00,000/-	University Grant Commission, New Delhi		Completed
3.	Dr. R. A. Pawar	Investigation of transport and magnetic properties of Ferrite Nano particles in the presence of Ln ³⁺ f-block element Sol-Gel Method	1,65,000/-	BCUD, Savitribai Phule Pune University, Pune	2015-2017	Completed

B. Major Research Project

Sr. No.	Name of Principal Investigator	Title of the Project	Amount sanctioned (Rs.)	Funding Agency)	Duration	Status (Ongoing / Completed)
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17. Research Guidance:

Sr. No.	Research Degree	No. of Students Admitted	No. of Students Awarded
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18. No. of Books Published: Nil

Sr. No.	Authors	Title of Books	Publisher	Year of Publication	ISSN/ISBN
1.	Dr. R. A. Pawar	Physics Principal and Application and Electromagnetism	Success Publication	2015	978-93-84916-97-8
2.	Dr. R. A. Pawar	Physics Practical Hand book	Success Publication	2015	978-93-5758-503-9

3.	Dr. R. A. Pawar	Nuclear Physics	Success Publication	2015	978-93-5158-488-9
4.	Dr. R. A. Pawar	Classical Electrodynamics	Success Publication	2015	978-93-5158-491-9
5.	Dr. R. A. Pawar	Physics of Nano-materials	Success Publication	2015	978-93-5158-485-8
6.	Dr. R. A. Pawar	Solid State Physics	Success Publication	2015	978-93-5158-385-1
7.	Dr. R. A. Pawar	Mathematical Method of Physics	Success Publication	2015	978-93-5158-371-4
8.	Dr. R. A. Pawar	Classical Mechanics	Success Publication	2016	978-93-5158-377-6
9.	Dr. R. A. Pawar	Atomic and Molecular Physics	Success Publication	2016	978-93-5158-385-6
10.	Dr. R. A. Pawar	Present Situation of Regional Parties in Maharashtra	Success Publication	2014	978-93-84916-80-0
11.	Dr. R. A. Pawar	Emerging Trends in Material Characterization	Success Publication	2016	978-93-5158-588-6

19. Contribution in curricular activities of college:

Sr. No.	Activities	Contribution (Chairman/Member)	Year	Level
1.	Reframing of S. Y. B. Sc. Physics syllabus (Optional Subject) Renewable Energy Subject.	Member		College
2.	Reframing of S. Y. B. Sc. Physics syllabus	Member		College
3.	“Environmental Awareness : Need of the Century	Co-Ordinator for State Level Seminar	2006-07	College
4.	Solar Energy : The Alternative Source of Energy	Co-Ordinator for State Level Seminar		College
5.	Energy Crises : The Role of Renewable Energy Sources	Co-Ordinator for State Level Seminar		College
6.	Methane Power : The Alternative Source of Energy	Co-Ordinator for State Level Seminar	2013-2014	College
7.	Emerging Trends in Material Characterization	Co-Ordinator for National Level Seminar	2016-2017	College

20. Contribution in Co-curricular activities of college:

Sr. No.	Activities	Contribution (Chairman/Member)	Year	Level
1.	Annual Gathering and sports.	Chairman		College
2.	Exam Committee	Chairman		College
3.	Cultural Program	Chairman		College
4.	Admission Committee	Chairman		College
5.	Educational Tour Committee	Chairman		College
6.	Planning – Development Committee	Chairman		College
7.	National Service Scheme	Program Officer		College
8.	National Service Scheme	Co-Program Officer		College
9.	Member : Sport Committee	Member		College
10.	Panchkrushi'	Co-Editor		College
11.	Panchkrushi'	Editor		College
12.	F.Y.B.Sc. from ten years.	Class In charge		College
13.	Pravara Sanskrutik Mohotsav from six years.	Co-ordinator		College
14.	NAAC Steering Committee	Co-ordinator		College
15.	Local Management Committee of College	Member		College

21. Award / Honors / Recognition / Fellowship

Sr. No.	Discipline of Award	Award by Bodies	Month and Year
Award(s)			
1.	The Best Citizen of India Award 2017	International level from International Publishing House, New Delhi.	2017

22. Visits:

Countries	Purpose	Cities	Purpose
-	-	-	-

23. Achievements (If Any)

A: Research:

1. Awarded M.Phil. Degree on Sdielectric Properties of Material by using experimental Technique from Madurai Kamraj University Madurai 29th June 2009
2. Awarded Ph.D. degree on Compositional Dependent Trasport and Magnetic Properties of Ferrite Nano Particls in the Presence of Ln³⁺ f-Block Element from Dr. Babasaheb Ambedkar Marathwada University , Aurangabad on 15th December 2017

B. Life memberships

1. Life Member of The Indian Science Congress Association.
2. Life Member of Indian Physics Association

Dr. R. A. Pawar
Assistant Professor,
Department of Physics,
PVP College, Pravaranagar.